

Norphlet Chemical Company
Weekly Report: June 30 – July 6, 2008
Vic Forte

Summary: The general maintenance work done was. loaded up scrap metal, worked on the air compressor, had to do some programming on the DCS control panel

Loaded and unloaded HCL trucks and cars. We worked on the lab phase separation test. We finished washing out the plant.

Visited with Hunt Guillot twice

Category	Action:
Maintenance	<p>We loaded up one load of scrap aluminum. It is ready to ship out</p> <p>The process air compressor went down and would not restart. Brent found a bad contact and a bad coil. He ordered parts on Monday and we received them on Wednesday. We installed them and the compressor is running fine now We did have to rent a compressor to continue loading and unloading acid. This is also our breathing air compressor if we need it.</p> <p>NOTE- We need a secondary air compressor. When we lose the one we have, we are down and don't have any breathing air other than scott air packs</p> <p>One of the DCS control panel key pads quit working. Brent had to do some programming on it and got it going.</p>
Visit with Hunt-Guillot	Ronnie, Evert and I went to Ruston on Tuesday and met with H-G We discussed what we need them to do and the cost. We also discussed

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	<p>contract and secrecy agreement. We took a tour of their offices</p> <p>Ronnie and I went back on Thursday and met more of their people. We went over the P&ID in detail, flow by flow, vessel by vessel. They had several questions about the process.</p> <p>They are going to start working on a workable PFD using the P&ID.</p> <p>They are going to be in the plant on Tuesday July 8 to begin the 3D CAD work on the plant as is</p>
Loading/Unloading	<ul style="list-style-type: none"> • Loaded 13 HCL trucks • Unloaded 0 HCL trucks • <u>Unloaded 1 rail cars of HCL</u> • Loaded 1 waste water truck
Lab Testing/Phase Separation	<p>We ran four tests this week. We are running more tests (analysis) for Steve Owens. Each test and extra analysis is taking about 10hrs to complete.</p>
Plant wash out	<p>We completed the plant wash out this week in preparation for the plant rebuild. In doing this the PH was adjusted to 6.0-7.0 with caustic. This produced about two loads of waste water. We reused the water as much as we could, trying to cut down on the amount of water that had to be used. My plans are to wait one week and rewash the plant with just clean water. This should be clean enough to start taking things apart safely.</p> <p>We will put safety flagging up to flag off the areas or vessels that still have HF in them. (AZ-03, TK-03, TK-04, Caustic scrubbers, and the HF storage areas.)</p>
<p>For the week of June 10, 2008</p> <p><i>7/1/08</i></p> <p><i>Date:</i></p>	<ol style="list-style-type: none"> (1) General maintenance. (2) Phase test in the Lab. (3) Loading (4) Scrap metal (5) Wash out plant. (6) Work with Hunt- Guillot (7) Check on getting rid of the sodium fluoride

Evert, I checked on the sodium fluoride % and amount in the plant.

Sodium fluoride- 4500#

HF- 3060gallons/24748#

This is the mixture we have in AZ-03 and TK04 now, the best I can figure.

If you have any questions or comments, please call.
